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# COTTON LITERATURE

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## SELECTED REFERENCES

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Vol. 5

August, 1935

No. 8

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COTTON LITERATURE is compiled mainly from material received in the Library of the U. S. Department of Agriculture.

Copies of the publications listed herein can not be supplied by the Department except in the case of publications expressly designated as issued by the U. S. Department of Agriculture. Books, pamphlets, and periodicals mentioned may ordinarily be obtained from their respective publishers or from the Secretary of the issuing organization. Many of them are available for consultation in public or other libraries.

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PRODUCTIONGeneral

Rhodesia, Northern. Department of agriculture. Annual report for the year 1934. 31 pp. [Livingstone] 1935.  
Cotton experiments and insects, pp.5-7.

Botany

Harland, S.C. The genetics of cotton. Part XIII-XIV. Jour. Genetics 31(1): 21-37, illus. June 1935. (Published by Cambridge University Press, Fetter Lane, London, E.C.4, England)

XIII. A third series of experiments with the crinkled dwarf mutant G. Barbadosense L. The cross barbadense crinkled X hirsutum crinkled. XIV. The inheritance of brown lint in new world cottons.

Nakatomi, Sadawo. An interspecific hybrid between American and Asiatic cotton plants and its progenies. Crop Sci. Soc. [Japan] Proc.7(1): 3-11, illus. Mar.1935. (Published by the Tokyo Imperial University, Tokyo, Japan)  
In Japanese.

Note sur les travaux botaniques à effectuer en A.O.F. en vue de l'amélioration du cotonnier. Association Cotonnière Coloniale Bulletin Trimestriel 33 (19): 72-73, table. July 1935. (Published at 55, Rue de Château-dun, Paris (IX<sup>e</sup>), France)

Note on the botanical work in progress in A.O.F. (French West Africa) for the improvement of cotton.

Agronomy

[China. National economic commission. Cotton industry control committee] Cotton committee doing good work. Chinese farmers being taught scientific cotton growing. Insp. & Com. Jour.6(5): 14. May 1935. (Published at 1040 N. Soochow Road, Shanghai, China)

Coker, D.R. Cotton can be king again. Carolinas Mag. 4 (1): 4-5, 19-20. June 1935. (Published at 324 South Church St., Charlotte, N.C.)

The author "outlines steps necessary to make the South's staple crop again an asset," and mentions scientific accomplishments "for the improvement of cotton."



[Freeport sulphur company] Cotton seed delinting and sterilization with sulphuric acid. [5 pp.] New York, Freeport Sulphur Co., [1935?]

The advantages for the grower who plants cotton seed delinted and sterilized with sulphuric acid, a description of methods of seed treatment, and rules for handling the acid are given.

Guedes, O.E. O algodão no Rio Grande do Norte. Algodão 2(7): [52-53]. May 1935. (Published at Cx. Postal 1321, Rio de Janeiro, Brazil)

Cotton in Rio Grande do Norte.

The varieties of cotton planted in the several zones of cultivation are given.

Harland, S.C. El algodón en Uramita (A.). Boletín Agrícola [Medellín] 7(201): 230-235. Apr. 1935. (Published at Calle Ayacucho Ns. 149 and 151, Medellín, Colombia)

Cotton in Uramita (A.)

Lochrie, J.V. Cotton in Swaziland. Empire Cotton Growing Rev. 12(3): 183-192, table. July 1935. (Published by P.S. King & Son, Ltd., 14, Great Smith St., London, S.W.1, England)

Cotton cultivation in Swaziland is discussed, and an "outline of the work in progress at the [Empire Cotton Growing] Corporation's experiment stations" is given.

Marques, Aloysio. A enxertia aplicada á cultura algodoeiro. Considerações sobre o resultado de experiencias realizadas na Estação experimental de plantas texteis em União-Alagôas. Algodão 2(7): [62-63, illus.] May 1935. (Published at Cx. Postal 1321, Rio de Janeiro, Brazil)

Grafting applied to cotton culture. Considerations on the result of experiments performed at the Experiment Station for Textile Plants at União-Alagôas.

Oztolaza, V.E. Cultiva de algodón en la provincia de Pacasmayo. La Vida Agrícola 12(138): 335, 337-339, 341. May 1, 1935. (Published at Lima, Peru)

Cultivation of cotton in the province of Pacasmayo.

Parnell, F.R. The origin and development of U.4 cotton. Empire Cotton Growing Rev. 12(3): 178-182, table. July 1935. (Published by P.S. King & Son, Ltd., 14, Great Smith St., London, S.W.1, England)

The article is based on information "appearing in the annual reports of the Barberton [Transvaal] Station for the past ten years."

Uchevatkin, F., Koloiarova, L., and Pishchugin. Kolkhoznik cotton: cultivation in Russia. Bor'ba za Khlopok (1-2): 115-117, illus., table. (4): 69-74, illus., tables. (5): 65-68, illus., tables. Jan.-Feb., Apr., May, 1934. (Published at Tashkent, U.S.S.R.)

In Russian.

"Kolkhoznik cotton was selected from Acala in 1928 and now occupies 50,200 hectares. It begins to bear slightly later than Navrotskii but produces its bolls more rapidly. It also surpasses the latter strain in lint length (29-31mm.) and yield, but at present it is apt to segregate slightly."- Textile Inst. Jour. 26(5): A229. May 1935.

Through Plant Breeding Abs. 5: 129-130. 1935.

### Insects

Gonçalves, Cincinnato. O podador. Algodao 2(7): [28-32] illus., table. May 1935. (Published at Cx.

Postal 1321, Rio de Janeiro, Brazil)

Bibliography: p.[32]

The pruner.

The life history of the cotton worm, Chalcodermus bondari March is described. Other insect pests and methods of combatting them are discussed.

Hamblen, E.J. Conselhos para a defesa do algodoeiro.

Algodao 2(7): [55-56] May 1935. (Published at Cx.

Postal 1321, Rio de Janeiro, Brazil)

Advice for the defense of cotton.

The control of insects is discussed.

Isely, Dwight. Relation of hosts to abundance of cotton bollworm. Ark. Agr. Expt. Sta. Bull. 320, 30 pp., illus., tables. Fayetteville. 1935.

Literature cited: p.30.

Lamas Carrera, J. Las plagas del algodón en los Departamentos de la Libertad y Lambayeque. La Vida Agrícola 12(138): 327, 329, 331, 333-334. May 1935.

(Published at Lima, Peru)

The [insect] pests of the cotton plant in the states of Libertad and Lambayeque.

Li, Feng-Swen. The life history and control measures of the cotton leaf-roller, Sylepta derogata Fabricius. Bur. Ent. [Chekiang] Tech. Bull. 12, 73-98 pp., illus., tables. Hangchow. 1933.

In Chinese with English summary.

"Investigations were undertaken in Nantung in 1930 and in Shanghai in 1931. It was found that one female may lay over 200 eggs. Four genera-



tions probably developed in 1931, the egg stage lasting three days, the larval twenty-two, and the pupal eight days. The mature larvae of the last generation over-winter. Nine species of Hymenopterous parasites were obtained from this Pyralid, eight from the larvae and one from the pupae. Up to 55 per cent of the larvae were attacked by one Chalcid, which had a life-cycle of about twenty days or more at Nantung. An average of eleven individuals of this Chalcid develop in a single host.

"Measures recommended for control are: Early planting of cotton; clean cultivation; the use of light traps for the moths; the application of sprays against the larvae of 2 lbs. Paris green, 3 lb. lime, and 150 gallons water or 2 lb. lead arsenate, 6 lb. soap, and 25 gallons water; and the protection and encouragement of parasites." Empire Cotton Growing Rev.12(1): 74. Jan.1935. (Abs.from Rev. Appl. Ent.(Ser.A) 22(8): 444.

Plagas del algodón en los departamentos de la Libertad y Lambayeque; el problema agrícola del Norte. La Vida Agrícola 12(138): 353,355,357-358. May 1935. (Published at Lima, Peru)

[Insect] pests of the cotton plant in the states of Libertad and Lambayeque; the agricultural problem of the North.

Report of a conference on entomological problems held in the conference room of the Sociedad Nacional Agraria [Lima, Peru] the last of April.

### Farm Engineering

Wells, W.G. Snapping cotton. Queensland Agr.Jour. 43(5): 479-482, illus. May 1, 1935. (Published by Queensland Department of Agriculture and Stock, Brisbane, Queensland, Australia)

Snapping in Queensland is discussed.

### Farm Social Problems

Beatty, R.C., and O'Donnell, G.M. The tenant farmer in the South. Amer.Rev.5(1): 75-96. Apr.1935. (Published by the Bookman Publishing Co., Inc., 218 Madison Ave., New York, N.Y.)

"It appears, then, that the tenant-farmer system in the South is most vicious on plantations run under industrial methods and that it is least vicious under a truly agrarian régime--a régime in which planters and tenants share alike a live-at-home programme and in which the tenants of ability have ample opportunity to become land-



holders themselves... [The] chief dangers menacing the agrarian way of life in the South are high taxes, high tariff, the gospel of Progress, and industrialist methods in agriculture."

Cotton production: another example of capitalist decline. Social Questions Bull.25(5): [1-4] May 1935. (Published by the Methodist Federation for Social Service, 150 Fifth Ave., New York, N.Y.)

Sources: p.[4]

Government policies and their effects on cotton farm workers and plantation owners are discussed.

### PREPARATION

#### Ginning

[Arkansas-Missouri Cotton ginner's association] Oscar Johnston talks to Arkansas ginner's. Cotton and Cotton Oil News 36(27): 7,10. July 6, 1935. (Published by Ginner & Miller Publishing Co., 3116-3118 Commerce St., Dallas, Tex.)

Report of the "eighteenth annual convention of the Arkansas-Missouri Cotton Ginner's Association... held at the Arlington Hotel, Hot Springs, Ark., Tuesday and Wednesday, July 2 and 3" including report of Oscar Johnston's address before the second day's session, in which he upheld the cotton control program.

DeLoach, George. Summary of year's work of your association in regard to Bankhead pay, as compiled by the National ginner's conference. Oil Miller and Cotton Ginner 46(5): 6,8-9. July 1935. (Published at 161 Spring St., N.W., Atlanta, Ga.)

The work of the Ginner's Association of South Carolina is summarized, including reports of conferences with various government officials, and of hearing before the House Agricultural Committee on February 20, 1935. Extracts from official letters are also included.

[Ginner's association of South Carolina] South Carolina ginner's hold convention. Cotton and Cotton Oil News 36(30): 7. July 27, 1935. (Published by Ginner & Miller Publishing Co., 3116-3118 Commerce St., Dallas, Tex.)

Report of the meeting in Columbia, South Carolina, July 15, 1935, including summary of resolutions passed.

[Patterson, C.D.] Report of president...at annual meeting of Alabama ginner's association, Montgomery,

Ala., July 1935. Cotton and Cotton Oil News 36 (30): 4,13. July 27, 1935. (Published by Ginner & Miller Publishing Co., 3116-3118 Commerce St., Dallas, Tex.)

Excerpts from report given before the meeting of the Alabama Cotton Ginners' Association, July 11. Resolutions and recommendations adopted at the meeting are given.

Tennessee ginners hold annual convention. Amer. Ginner and Cotton Oil Miller 12(10): 10-11. June 1935. (Published by American Ginner Publishing Co., P.O. Box 504, 14 Cotton Exchange Bldg., Little Rock, Ark.)

Report of the convention of the Tennessee Cotton Ginners' Association held at Edgewater Beach, May 16, 1935. Resolutions concerning reimbursement of ginners under the Bankhead Act, and petitioning the Agricultural Adjustment Administration to have exemption certificates in the hands of the farmers before the start of the ginning season are included.

### MARKETING

#### General

Bankhead, J.H. The cause of lost cotton exports. Manfrs. Rec. 104(7): 45,54. July 1935. (Published at Commerce and Water Sts., Baltimore, Md.)

The author explains that the cause of decreased cotton exports lies in exchange difficulties and trade restrictions. He defends the cotton production control program, and points out that the prices of competing cottons rise and fall with that for American cotton "in nearly exact price changes."

[Gossett, B.B.] Gossett urges return to fundamental American principles. Textile Bull. 48(19): [5]-6, 14,21. July 11, 1935. (Published by Clark Publishing Co., 118 West Fourth St., Charlotte, N.C.)

A discussion of the cotton control program is included. The author favors a temporary export subsidy for cotton.

Johnston, Oscar. In defense of the 12-cent loan. Cotton Digest 7(42): 4-6. July 27, 1935. (Published at 702 Cotton Exchange Bldg., Houston, Tex.)

The author discusses the benefits of the cotton loans, the causes of the export decline, and substitute fibers.

[New Orleans Association of commerce] Cotton program discussed in N.O. Cotton Digest 7(41): 10. July 20, 1935. (Published at 702 Cotton Exchange Bldg.,

Houston, Tex.)

Report of a meeting of cotton men, bankers, business men, and farmers, held July 15 and 16, 1935, at New Orleans, Louisiana, and sponsored by the New Orleans Association of Commerce.

Also reported in Cotton Trade Jour.15(28): 1,2. July 20, 1935.

Texas Cotton association. Addresses delivered at the Twenty-fourth annual convention... Corpus Christi, Texas, March 22nd-23rd, 1935. 25 pp., mimeogr. Corpus Christi, Tex., 1935.

Contents: Annual address of the president, by J.H.Hutton, pp.1-9; "I wonder if it's just that way," by Lynn P. Talley (discussion of the present cotton situation), pp.10-16; "A permanent plan for agriculture," by Hon. J.E.McDonald, pp.17-25.

Todd, J.A. Cotton statistics. Empire Cotton Growing Rev.12(3): 221-229, tables. July 1935. (Published by P.S.King & Son, Ltd., 14, Great Smith St., London, S.W.1, England)

Tables give: World's cotton crops by countries, in bales of 500 lbs., 1929-30 to 1934-35; American crop (excluding linters), 1929-30 to 1934-35; Indian--Area and crop by varieties, 1932-33 to 1934-35, including yield per acre; Egyptian crop, 1929-30 to 1934-35; World's carryover of Egyptian cotton in United Kingdom, on Continent, in United States, and at Alexandria, 1929 to May 1935; World's consumption of cotton by varieties in United Kingdom, on Continent, and in United States, and others, 1929-30 to 1934-35; U.S. consumption of cotton by varieties, Nov.1933 to April 1935; Highest and lowest futures prices for American cotton at New York and Liverpool, and Egyptian cotton at Liverpool, Feb.1934-May 1935; Liverpool spot prices of American with other varieties as percentages (last Friday of each month) Feb.1934-May, 1935; Empire cotton crops for the years, 1924-34, excluding India, in bales of 400 lbs., by countries.

#### Demand and Competition

Accident rates in the textile industry during 1934. Textile Bull.48(17): 5. June 27, 1935. (Published by Clark Publishing Co., 118 West Fourth St., Charlotte, N.C.)

Altekar, M.D. India's trade in danger. Indian Textile Jour.45(536): 258-259. May 1935. (Published at Military Square, Fort, Bombay, India)

The fall in exports of Indian raw cotton during recent years is discussed.



[American cotton manufacturers' association] American association urges mills to retain present hours and wages. Textile Bull. 48(16): 20. June 20, 1935. (Published by Clark Publishing Co., 118 West Fourth St., Charlotte, N.C.)

Contains the text of letters by W.M. McLaurine, secretary and treasurer of the Association, and Thomas H. Webb, president, urging all mills to "operate on the same basis of wages and hours they observed when the code was in effect," in accordance with the resolution adopted recently by the Association.

[American cotton manufacturers' association] Southern mills vote to continue code hours and wages. Textile Bull. 48(15): [3], 20. June 13, 1935. (Published by Clark Publishing Co., 118 West Fourth St., Charlotte, N.C.)

Report of a meeting held June 7, 1935, and text of unanimous resolution to continue code hours and wages.

American cotton manufacturers' association. Southern village costs and wage study. 21 pp., tables. Charlotte, N.C., 1935.

Report on: a study of "wage equivalents... furnished southern textile operatives in addition to the cash wage contained in the pay envelope" and a comparison of "these wage equivalents with the expenditures necessary to operatives who live outside of a mill village"; a study of "wages, earnings, and salaries of those engaged in occupations outside the textile field, working in the same cities, towns and localities in which the textile mills are situated, whose work requires preparation, training and skill that is fairly comparable to the requirements for workers in the textile industry and to compare same with the wages paid southern textile workers"; a comparison between the cost to the southern textile worker and to those in eastern mills "for housing, water rates, electric lighting, heating, etc."

B., C.C. Some measures of development in cotton textiles. Brown Business Serv. 11(10): 41-45, tables. June 25, 1935. (Published by Brown University and Providence Chamber of Commerce, [Providence, R.I.] )

"The movement of the [cotton textile] industry to the South, increased competition from other fabrics, some of which is due to changes in consumers' tastes, some to new technical development, and some to the increase in the price of cotton goods made necessary by the cotton processing tax and NRA code wage and hour provisions, and... foreign competition" are discussed.



[Batson, Culver] The Southern textile association.  
 Amer. Wool & Cotton Reprtr. 49(25): 5-6, 12. June 20,  
 1935. (Published by Frank P. Bennett & Co., Inc.,  
 530 Atlantic Ave., Boston, Mass.)

Address at annual convention of the Southern  
 Textile Association at Myrtle Beach, S.C., June 14  
 and 15, 1935.

The speaker stressed the "value of [the] Association and need of more technical education and research," and reviewed briefly some incidents in the economic and technical history of the textile industry.

Also in Textile Bull. 48(16): [5]-6, 50. June 20,  
 1935.

Briggs, F.A. Problems of agriculture are problems of  
 industry. Farm and Ranch 54(13): 3, 4. July 1,  
 1935. (Published at 3306 Main St., Dallas, Tex.)

The cotton export problem is mentioned.

British Honduras. Imports of cotton piece-goods in  
 1934. Gt. Brit. Bd. Trade Jour. 134(2010): 954, table.  
 June 13, 1935. (Published by H.M. Stationery Office,  
 Adastral House, Kingsway, London, W.C.2, England)

Table shows country of origin, quantity in linear  
 yards and value in dollars.

British India. Trade balance and imports in 1934-35.  
 Gt. Brit. Bd. Trade Jour. 135(2013): 8-10, tables.  
 July 4, 1935. (Published by H.M. Stationery Office,  
 Adastral House, Kingsway, London, W.C.2, England)

Imports of cotton piece-goods are included.

British West Indies. Imports of cotton goods into the  
 Bahamas in 1934. Gt. Brit. Bd. Trade Jour. 134(2010):  
 955, table. June 13, 1935. (Published by H.M. Sta-  
 tionery Office, Adastral House, Kingsway, London,  
 W.C.2, England)

Statement from H.M. Trade Commissioner's Office  
 at Jamaica giving kind of cotton goods, quantity  
 in square yards, value in pounds, general tariff,  
 and preferential tariff for imports into the Bahamas  
 in 1934.

Comer, Donald. Cotton industry needs tariff on sisal  
 and jute. Cotton Trade Jour. 15(28): 3. July 20,  
 1935. (Published at 810 Union St., New Orleans,  
 La.)

Extracts from a statement urging import duties on  
 sisal, jute, rayon and paper in order to eliminate  
 "unfair competition" from these commodities.

Die deutsch-brasilischen baumwoll-schwierigkeiten.  
 Spinner und Weber 53(25): 16. June 21, 1935. (Pub-

lished at Gellertstrasse 7/9, Leipzig, Germany)  
The German-Brazilian cotton difficulty.

Japanese trade with South Asia and Oceania. Mitsubishi Mo. Circ. (141): 12-18, tables. July 1935. (Published by Mitsubishi Economic Research Bureau, Marunouchi 3, Tokyo, Japan)

Tables give: Exports of cotton tissues by countries [of South Asia and Oceania] 1929 to 1934; Japanese positions in the imports of cotton tissues in Asia and Oceania [by countries, showing square yards from the several exporting countries] 1929 to 1934; Chief articles exported from Japan to South Asia and Oceania [includes cotton yarn and cotton tissues] 1929 to 1934.

Einige verlustquellen und ihre ursachen in der baumwoll-spinnerei. Spinner und Weber 53(26): 5-7, tables. June 28, 1935. (Published at Gellertstrasse 7/9, Leipzig, Germany)

Some losses arising in the cotton spinning industry and their causes.

Farley, M.S. Japan as a consumer of American cotton. Far East. Survey 4(13): 97-101, tables. July 3, 1935. (Published by the American Council, Institute of Pacific Relations, 129 East 52nd St., New York, N.Y.)

References: p.101.

Tables show: U.S. exports of raw cotton (in thousand bales), 1895-1900 to 1934-35, in toto, to Japan, and the per cent. to Japan; Japanese imports of raw cotton (in thousand 500-lbs. bales) and the per cent. imported from the United States, India, China, Egypt, and others, 1914 to 1935; and Average prices of American strict middling 7-8-inch and Indian Acola in Osaka, and consumption of American cotton in Japan, 1925-26 to 1933-34.

Also in Cotton Trade Jour. 15(26): 2, 3, tables. July 6, 1935.

Extracts in Cotton Digest 7(40): 14. July 13, 1935.

The Indian import trade. A considerable increase in textiles. Textile Weekly 15(382): 687-688, table. June 28, 1935. (Published at 49, Deansgate, Manchester, 3, England)

Extracts from "survey... by the Dept. of Overseas Trade... [It] covers the fiscal year April 1, 1934 to March 31, 1935." Table shows production and imports 1929-34, of pioco goods in India.

An Indian puzzle. Manchester Guardian Com.30(784): 514. June 28, 1935. (Published at the Guardian Bldg., 3 Cross St., Manchester, 2, England)

Difficulties met with in trying to substitute Indian for American cotton are described.

Jefferson, Floyd. Marketing cotton textiles. Textile Bull.48(17): [3]-4,22. June 27,1935. (Published by Clark Publishing Co., 118 West Fourth St., Charlotte, N.C.)

"Brief submitted to Sub-Committee of Cabinet Textile Committee at hearing conducted by Hon. John Dickinson, Assistant Secretary of Commerce, Washington, D.C."

Lion, Camille. Notes sur l'industrie cotonnière japonaise. Bull. Société Industrielle de Rouen 62 (3): 227-232. May-June 1934. (Published at Rouen, France)

Notes on the Japanese cotton industry.

"The author gives a short account of social organisation in Japan, and then describes the rapid increase in the Japanese cotton export industry, and the counter measures taken by other countries. He urges similar legislation in the case of France."- Jour.Textile Inst.25(10): A515. Oct.1934.

Martin, H.D. Cotton manufacturing differentials or the unknown quantities in cotton manufacturing. Textile Colorist 57(679): 479-481, illus. July 1935. (Published at Woolworth Bldg., 233 Broadway, New York, N.Y.)

Differentials mentioned include weight of tare, quality of cotton, how much cloth can be obtained from a bale, etc.

National control board for cotton industry. Amer.Wool & Cotton Repr.49(26): 21-22. June 27, 1935. (Published by Frank P. Bennett, 530 Atlantic Ave., Boston, Mass.)

Outline of provisions for a bill proposed by United Textile Workers of America to set up a National Board of Cotton Textile Production.

Schoffelmayer, V.H. Economics of the cotton trade situation. Cotton Oil Press 19(3): 21-22. July 1935. (Published by Interstate Publishing Co., Inc., Cotton Exchange Bldg., Memphis, Tenn.)

Address at the Texas Cottonseed Crushers Convention at Galveston, June 10, 1935.

The speaker discusses the need for an export market for Texas cotton, and the effects of economic nationalism in increasing foreign competition.



"Shareholder." Egyptian yarn agreements. Textile Weekly 16(383): 7-8. July 5, 1935. (Published at 49, Deansgate, Manchester, 3, England)

The need for reviving the Bolton or Individual Cost of Production Scheme is discussed. The Marginal Rates, Dual, and Quota or Pool and Quota schemes are mentioned.

[Summerscales, John] State aid for cotton industry? As alternative to surplus spindles scheme. Textile Mercury and Argus 92(2410): 461. May 24, 1935. (Published at 41, Spring Gardens, Manchester, England)

Summary of a letter proposing "a state loan to the Lancashire cotton industry for the purchase of new machinery and for the modernisation of existing plant."

Turner, A.J. Cotton and rayon. Empire Cotton Growing Rev. 12(3): 199-207, tables. July 1935. (Published by P.S. King & Son, Ltd., 14, Great Smith St., London, S.W.1, England)

"The purpose of the present article is to discuss some outstanding facts relating to the course of development of cotton and rayon production in order to form some conception of the changes likely to occur in those in the future." Tables show consumption, and exports of cotton by Great Britain for certain years from 1697-1921, imports of cotton into Great Britain, 1787, the development of American, Egyptian, Indian, and Empire cotton crops from 1790 to 1933, and data on rayon production and price from 1891 to 1934.

United States Tariff commission. Report to the President on cotton rugs. U.S. Tariff Com. (2d ser.) Rept. 95, 56 pp., tables. Washington, D.C. 1935.

The findings and summary of information of the Commission on domestic production and imports, largely from Japan, of cotton chenille, hit-and-miss rag, imitation oriental, and other cotton rugs, including recommendations for import restrictions and duties needed for each type of cotton rug, are given. Tables show the relation of production and imports to consumption for each class of cotton rugs, 1929-33.

Value of cotton cloth exports finally tops mark set in 1925; industry makes good gain. Japan Advertiser Ann. Rev. Finance, Indus. and Com.: 39-43, tables, charts. 1934-1935. (Published by B.W. Fleischer, Tokyo, Japan)

Statistics on Japan's textile industry including



raw cotton imports by kinds; production of yarn, by counts, and cloth; imports and exports of raw cotton, yarn, and cloth, etc.; export cloth prices; and spinners' capital and equipment, are given. The tables cover various periods of years within the past thirty years, and include "Leading cotton companies' balance sheets," and data on mills belonging to the Japan Cotton Spinners' Association. The charts show raw cotton prices in francs.

### Supply and Movement

Allemann, Georges. Quelques notes sur le coton égyptien. Association Cotonnière Coloniale Bulletin Trimestriel 33(19): 81-83. July 1935. (Published at 55, Rue de Châteaudun, Paris (IX<sup>e</sup>), France)  
Some notes on Egyptian cotton.

[L'Association cotonnière coloniale] Procès-verbal de l'assemblée générale du mercredi 19 juin 1935. Association Cotonnière Coloniale Bulletin Trimestriel 33(19): 63-64. July 1935. (Published at 55, Rue de Châteaudun, Paris (IX<sup>e</sup>), France)  
"Proceedings of the [annual] general meeting of Wednesday, June 19, 1935."

Brazil is not a cotton competitor of the United States. Cotton Trade Jour. 15(29): 2. July 27, 1935. (Published at 310 Union St., New Orleans, La.)  
"From 1929 to 1933 [the last known period of five years] Brazil ranked in the sixth place, as a cotton-producing country, and, in spite of all that has been said and written, its progress in production is far below the leaders. The possibilities of Brazil have alternatives peculiarly proper. In the southern states, they almost always depend on the fall of coffee prices, while in the northern part of the country, they are limited by periodic droughts."

British East Africa. Shipments of cotton, 1932-35. Gt. Brit. Ed. Trade Jour. 134(2012): 1020, table. June 27, 1935. (Published by H.M. Stationery Office, Adastral House, Kingsway, London, W.C.2, England)  
Table "shows the final destination of cotton shipments from East Africa during the year 1934 in comparison with the two previous years," as far as can be ascertained.

Carlo, G. De la production cotonnière mondiale dans ses rapports avec les moyens de la réaliser. Association Cotonnière Coloniale Bulletin Trimestriel

33(19): 83-85. July 1935. (Published at 55, Rue de Châteaudun, Paris (IX<sup>e</sup>), France)

Concerning world cotton production in relation to the factors affecting it.

Cotton's in the well. Fortune 12(1): 34-41, 130, 132, 134, 136, illus., chart. July 1935. (Published at 135 East 42nd St., New York, N.Y.)

The world cotton situation is surveyed with special reference to possibilities of increased production in foreign countries.

Extracts in Textile Bull. 48(18): 6, 9. July 4, 1935.

Abstract in Textile World 85(8): 1458. July 1935.

Dantas, Christovam. Algodao, élo de unidade economica brasileira. Algodao 2(7): [9-10], illus. May 1935. (Published at Cx. Postal 1321, Rio de Janeiro, Brazil)

Cotton, [a] link of economic unity in Brazil.

The author contrasts the difference in sectional interests in the United States with Brazilian accord.

Empire cotton growing corporation. Annual report for the season, 1933-1934. 66 pp., tables. London, Waterlow & Sons, Ltd., 1935.

"Report of the Administrative Council of the Corporation, submitted to the fourteenth annual general meeting on May 28th, 1935."

Brief reports on cotton growing in the various cotton areas of the British Empire are given.

Empire cotton growing corporation. Report of the fourteenth annual general meeting. 8 pp. [Manchester, England, 1935]

The meeting was held May 28, 1935, at the offices of the British Cotton Growing Association.

Flood, F.A. Brazil is a giant. Amer. Cotton Grower 1(2): 6-7, illus. July 1, 1935. (Published at 535 Gravier St., New Orleans, La.)

The author discusses the cotton industry of Brazil and conditions which limit its expansion.

Hale, G.A. Foreign cotton production facts. South. Cult. 93(7): [3], 16, illus. July 1, 1935. (Published by the Constitution Publishing Co., Box 4357, Atlanta, Ga.)

The author summarizes material from the United States Department of Agriculture publication, "The World Cotton Situation."

Kempski, Dr. El progreso agrícola algodonero que ha alcanzado la provincia de Santiago del Estero. La activa labor que ha desplegado la Dirección de agricultura en esa zona. Gaceta Algodonera 11(136): 12-15. May 31, 1935. (Published at Reconquista 331, Casilla Correo 5550, Buenos Aires, Argentina)

The agricultural progress in cotton which the Province of Santiago del Estero has attained. The active work which the Dirección de Agricultura (Agricultural Administration) has displayed in this zone.

Lavit, Fernand. L'Association cotonnière coloniale et la production du coton dans les colonies françaises. Coton et Culture Cotonnière 9(3): [139]-168, tables. Dec. 1934. (Published at 34, Rue Hamelin, Paris, France)

The Association Cotonnière Coloniale and the production of cotton in the French colonies.

Lavit, [Fernand] Rapport présenté... à l'assemblée générale de l'Association Cotonnière Coloniale, du 19 juin 1935. Association Cotonnière Coloniale Bulletin Trimestriel 33(19): 65-68, tables. July 1935. (Published at 55, Rue de Châteaudun, Paris, (IX<sup>e</sup>), France)

Report presented to the general meeting of the Association Cotonnière Coloniale, June 19, 1935 [on the state of cotton production in 1934 in the colonies of French West Africa]

Lepiae, Edmond. Comment les indigènes du Congo Belge sont arrivés à produire annuellement 20,000 tonnes de coton-fibre. Coton et Culture Cotonnière 9(3): [169]-192, tables. Dec. 1934. (Published at 34, Rue Hamelin, Paris, France)

How the natives of the Belgian Congo are able to produce 20,000 tons of cotton fiber annually.

A message to cotton farmers from Brazil. Acco Press 13(7): 5-6. July 1935. (Published by Anderson, Clayton & Co., Houston, Tex.)

The increase in cotton production in Brazil is discussed.

Peres, Octavio. O surto algodoeiro Paulista. Algodao 2(7): [15-16] chart. May 1935. (Published at Cx. Postal 1321, Rio de Janeiro, Brazil)

The rise of Paulista cotton. [Sao Paulo]

The author briefly compares Sao Paulo and the United States as cotton growing regions, and claims for the former the three advantages of lower land valuation, lower wages, and better qualities of fiber.



El progreso algodonero en el Paraguay y la obra del Banco agrícola. La acción de fomento de este textil ha sido provechosa en esta última campana. Gaceta Algodonera 11(136): 20-23, tables. May 31, 1935. (Published at Reconquista 331, Casilla Correo 550, Buenos Aires, Argentina)

Cotton progress in Paraguay and the work of the Agricultural Bank. The work of encouraging this textile [fiber] has been profitable in this last season.

Quality of cotton produced in Oklahoma, 1934-35. Current Farm Econ. (ser.49) 8(3): [49] 64-66, tables, chart. June 1935. (Published by the Oklahoma Agricultural Experiment Station, Stillwater, Okla.)

Tables show: Staple lengths of American upland cotton produced in Oklahoma and the United States, 1928-1934 crops; Grades of American upland cotton produced in Oklahoma and the United States, 1928-1934 crops; and Average weights of seed cotton, cottonseed and trash per 478 pound bale of lint cotton at selected gins in Oklahoma 1932-33 and 1934-35. Chart on cover shows Staple lengths of cotton produced in Oklahoma, 1928 to 1934.

Sarabia, A.G. Posibilidades económicas del cultivo del algodón en Chile. Boletín Ministerio de Agricultura [Chilo] 4 (3): 65-71, table. Dec.1934/Mar.1935. (Published at Ahumada 32, Santiago, Chilo)

Economic possibilities of cotton cultivation in Chilo.

United States Department of commerce. Bureau of the census. Cotton production in the United States, Crop of 1934. Prepared under the supervision of Harvey J. Zimmerman. 38 pp., tables. Washington, D.C., U.S. Govt. Print. Off., 1935.

United States Tariff commission. Long-staple cotton. A report under the general provisions of section 332, Tariff act of 1930. U.S. Tariff Comm. (2d ser.) Rept.85, 137 pp., tables. Washington, D. C., U.S. Govt. Print. Off., 1935.

"This report appeared in mimeographed form in April 1934. Statistical tables have been brought up to date and the text altered accordingly."

United States Treasury department. Imports of agricultural products into the United States. Letter from the Secretary of the treasury transmitting in response to Senate Resolution No.111, a report covering statistics of agricultural imports. U.S.



Cong., 74th, 1st sess., Senate Doc. 58, 9 pp., tables.  
Washington, D.C. 1935.

Table shows value and quantity of imports of raw cotton by countries, 1909-1934.

### Prices

Leontief, W.W. Price-quantity variations in business cycles. Rev. Econ. Statis. 17(4): 21-27, charts. May 1935. (Published by Harvard University, Cambridge, Mass.)

Bibliographical footnotes.

The statistical analysis, which is given in part II of this article, is "part of a larger study dealing with cyclical price-quantity variations. The two commodities, pig iron and cotton, selected for the present discussion demonstrate the remarkable similarities as well as the striking differences of development typical of the rest of the series now under investigation. For cotton the American consumption data were used. It hardly needs to be indicated that cotton consumption is not an 'agricultural series,' but should rather be considered as an index of the volume of cotton-textile production. As to method, it may be <sup>at</sup> once he stated that serious general statistical and economic questions arising in connection with application of all, even the most elementary methods of numerical analysis, are so many, that in the short space of a periodical article only those can be taken up which are specifically related to the particular problem in hand."

### Services and Facilities

Bales of cotton wrongly marked: proposed change in trade rules. Indian Textile Jour. 45(536): 263. May 1935. (Published at Military Square, Fort, Bombay, India)

Extracts from amendments to the by-laws made under the Bombay Cotton Contracts Act IV of 1932, suggested by the Board of Directors of the East India Cotton Association.

Cotton substitution at transit point under consideration. Cotton Trade Jour. 15(27): 3, 4. July 13, 1935. (Published at 810 Union St., New Orleans, La.)

Text of the report, made by a committee "composed of E.H. Thornton, A.J. Stone, F.R. Dalzell, L.D. Estes, V. Alexander and J.K. Moore," to the carriers following a meeting of representatives of carriers and cotton merchants, held at Galveston on July 2-3, concerning the "proposed change

in the present rules governing the substitution of cotton at the transit point."

Dantas, Garibaldi. A classificacao do algodao no Brasil. Algodao 2(7): [13-14] illus., tables. May 1935. (Published at Cx. Postal 1321, Rio de Janeiro, Brazil)

The classification of cotton in Brazil.

[Government testing bureau of Shanghai] Cotton inspected in 1934 and in the previous years. Insp. and Com. Jour. 6(5): 11-13, tables. May 1935. (Published at 1040 N. Soochow Road, Shanghai, China)

Tables show amount of cotton inspected and percentage of moisture content of cotton inspected, in 1934 (monthly), and 1929-1933 (annually).

Memorandum pertaining to cotton marketing loans. Cotton Prod. Adjustment (24): [1]-19, mimeogr., tables. July 1935. (Published by the Agricultural Adjustment Administration, United States Department of Agriculture, Washington, D. C.)

"Data are presented... [to] help producers decide whether or not it is advisable... to hold cotton beyond the ginning season; and... [to] assist them in determining whether or not it is desirable for the Government to encourage holding by providing loans on cotton without risk to producers."

Peters, R. V. Classing cotton. Queensland Agr. Jour. 43(5): 483-488, illus., table. May 1, 1935. (Published by Queensland Department of Agriculture and Stock, Brisbane, Queensland, Australia)

Table shows the grades used in classing Queensland cotton, which contains "more spot than the Universal Standards [for American Upland cottons] will allow in the white grades."

Reconcentration of loan cotton opposed by trade. Cotton Trade Jour. 15(27): 1. July 13, 1935. (Published at 810 Union St., New Orleans, La.)

Text of resolution of the Memphis Cotton Exchange at a meeting of the membership, July 10, 1935, protesting reshipment of interior twelve-cent Commodity Credit Corporation loan cotton to the ports.

Revision of U.S. official cotton standards urged. Cotton Trade Jour. 15(28): 1. July 20, 1935. (Published at 810 Union St., New Orleans, La.)

"Revision of the United States official standards for cotton grades has been proposed by the Bureau of Agricultural Economics, with a view of making

the white grades more representative of the cotton crop [and] of eliminating grades for types of cotton which have become scarce."

Also in Cotton Digest 7(41): 11-12. July 20, 1935.

United States Department of agriculture. Bureau of agricultural economics. Proposed revisions of the Universal standards for grades of American upland cotton. 18 pp., charts, mimeogr. [Washington, D.C., 1935?]

### Cooperation in Marketing

[Bennett, H.G.] Dr. H.G. Bennett makes talk at annual convention of OCGA. Okla. Cotton Grower 15(11): 2. July 15, 1935. (Published at 10 West Sixth St., Oklahoma City, Okla.)

Extracts from address at the annual convention of the Oklahoma Cotton Growers Association, May 27, entitled "Membership Responsibility," in which the speaker discussed the cooperative marketing association and outlined its advantages.

Creekmore, E.F. Co-ops change methods. Amer. Cotton Grower 1(2): 9, 16. July 1, 1935. (Published at 535 Gravier St., New Orleans, La.)

The author reviews the methods and developments of the cotton cooperative movement in financing cotton crops, since 1920-21 to the present time.

[Mid-South association] Annual meeting over. Mid-So. News 12(12): 1. July 1935. (Published at 822 Falls Bldg., Memphis, Tenn.)

Brief report of annual meeting, June 25, at Memphis, Tennessee.

Why staple cotton growers should join and support the Staple cotton cooperative association. Staple Cotton Rev. 13(6): [1]-2. June 1935. (Published by the Staple Cotton Cooperative Association, Greenwood, Miss.)

The services and facilities of the association are given.

### UTILIZATION

#### Fiber, Yarn, and Fabric Quality

[American society for testing materials. Committee D-13] End of a D-13 year. Textile World 85(8): 1469-1470, illus. July 1935. (Published by McGraw-Hill Publishing Co., Inc., 330 West 42d St., New York, N.Y.)



Report of the annual meeting of Committee D-13 at Detroit, Michigan, June 24, 1935, including highlights of the annual report presented by Prof. H.J. Ball. The adoption of "S-Z" twist as tentative standards for designating the direction of twist in yarns, and cotton fiber tests were noted.

Also reported in Amer. Wool & Cotton Reprtr. 49 (27): 36. July 4, 1935.

Bailey, I.W., and Kerr, Thomas. The visible structure of the secondary wall and its significance in physical and chemical investigations of tracheary cells and fibers. Arnold Arboretum Jour. 16(3): 273-300, illus. July 1935. (Published by Arnold Arboretum of Harvard University, Jamaica Plain, Mass.)

Literature cited: pp. 296-297.

Cotton fibers are included in the study.

Bertsch, H. Über die Wirkung kationaktiver Fettstoffe auf die pflanzliche Faser. Angewandte Chemie 48 (2): 52-53. Jan. 12, 1935. (Published by Verlag Chemie, G.m.b.H., Corneliusstr. 3, Berlin W35, Germany)

The action of cation-active fatty substances upon the plant fiber.

"Cation-active fatty substances are surface-active compounds of the fatty series, which carry in the cation the fatty chain which is responsible for the surface activity. Their use in the textile industry is based upon the fact that they cause negatively charged suspended particles to discharge and ppt. The cations possess the property of accumulation at boundary surfaces and adhere to the surface of a plant fiber so strongly that they form a film around it. A cotton fiber therefore becomes substantive for all negatively charged particles and the degree of substantiveness can be adjusted at any level by the careful addition of anion-active substances, providing a simple solution for the problem of substantive reviving. An important possibility is the precipitation of unreduced vat dyes as pigments upon the plant fiber in a very even manner, and the succeeding reduction and oxidation upon the fiber.- Karl Kammermeyer."- Chem. Abs. 29(7): 2362-2363. Apr. 10, 1935.

Berzaghi, M.N. Theorias sobre o encorpamento da fibra. Algodao 2(7): [85-86] May 1935. (Published at Cx. Postal 1321, Rio de Janeiro, Brazil)

Theories on the growth in thickness of the fiber.

Bot, A.C.W.C. De waarde van de viscositeit en het kopergetal voor de beoordeling van de aantasting



van cellulose. Rijksvoorlichtingsdienst Ten Behoeve van den Vozelhandel en de Vozelnijverheid. Medoelingen (37): [3]-10, tables, charts. 1934.. (Published by Rijksvoezeldienst, Nieuwelaan 76, Delft, Netherlands) Bibliographical footnotes.

Tendered cotton: fluidity, copper number and loss of strength.

Reprint from Chemische Weekblad 31(35): 514. 1934.

"Fluidity, copper number and loss of strength have been measured on cotton fabric treated with sulphuric acid of various concentrations, or with buffered sodium hypochlorite solutions of various pH values, before and after boiling for one or two hours with 2 per cent. soda solution. The curves connecting loss of strength with increase of fluidity are found to vary according to the method of attack, acid attack giving the least increase in fluidity and attack by neutral hypochlorite the greatest, for a particular loss of strength. The curves are more concordant when the tendered cotton is boiled with soda before testing but, even with this precaution, the author claims that it is not safe to deduce loss of strength from the fluidity when the nature of the attack is unknown. If it is known that hypochlorite has caused the tendering, then it is permissible (within 10 per cent.) to deduce the loss of strength from the fluidity, without the alkali boil. No relation can be established between copper number and loss of strength, even when the damage is confined to hypochlorite.-C."- Textile Inst.Jour. 26(4): A213-A214. Apr.1935.

Brown, J.S. Cellulose and its fibers. Textile Colorist 57(679): [441]-445, 492. July 1935. (Published at Woolworth Bldg., 233 Broadway, New York, N.Y.)

"A summary of the symposium of the American Chemical Society at New York on April 25, 1935," on the structure of cellulose and cotton fibers.

Chwala, A. Colloido-electrolytes in textile chemistry. Amer. Dyestuff Reprtr. 24(12): [327]-330. June 17, 1935. (Published by Howes Publishing Co., 440 Fourth Ave., New York, N.Y.)

"Notes from a Lecture... before the General Meeting of the Verein Oesterreichischer Chemiker, Nov.21, 1934... The speaker limited his address to the discussion of certain reciprocal relations between textile assistants and fibers."

Conrad, C.M., and Webb, R.W. The problem of character standardization in American raw cotton. A preliminary report. 19 pp., table, chart, mimeogr. Washington, D.C., United States Department of Agriculture, Bureau of Agricultural Economics, Division of Cotton Marketing, 1935.

Also in Cotton Digest 7(40): 6-7. July 13, 1935.

A cotton bleaching microscope test. Textile Manfr. 61 (721): 30. Jan. 1935. (Published by Emmet & Co., Ltd., 31 King St. West, Manchester, 3, England)

"The fundamental action of the test is that Victoria Blue B will dye the cuticle and tube contents or inner wall surface, but does not dye the cellulose of the fibre wall. Different depths of dyeing are obtained according to different degrees of bleaching, for example."

"This method has been used with satisfaction for producing stains on outlines of cross-sections of cotton fibres for other studies, such as degree of maturity, etc. in the M.I.T. textile microscopy laboratory. The item is abstracted by Tex.Mfr. from the Tex.Col.-S."-Textile Research 5(9): 426-427. July 1935.

Egypt's "toy" mill now ready. Most modern spinning unit in the world. Manchester Guardian Com. 30 (782): 470. June 14, 1935. (Published at the Guardian Bldg., 3 Cross St., Manchester, 2, England)

"The task of the experimental factory in Giza is to test out the spinning properties of cotton and investigate spinning problems on the spot." The spinning station was "set up by the Egyptian Government Cotton Research Board."

G., J. Fluorescence microscopy and its application to the identification of fibres. Nature [London] 134 (3390): 635-636. Oct. 20, 1935. (Published by Macmillan & Co., Ltd., St. Martin's St., London, W.C.2, England)

References: p.636.

"A general account of the uses of fluorescence microscopy in fibre analysis, and of some of the apparatus used. Recent work is mentioned.-C." - Textile Inst.Jour.26(1): A39. Jan. 1935.

[Gage, Gaston] Textile research. Amer.Wool & Cotton Reprtr. 49(25): 13-14,24. June 20, 1935. (Published by Frank P.Bennett & Co., Inc., 530 Atlantic Ave., Boston, Mass.)

Address at annual convention of the Southern Textile Association at Myrtle Beach, S.C., April 14, 15, 1935.



The speaker points out the need for more research on actual cotton manufacturing problems. Results obtained in breaking strength tests by the United States Bureau of Standards and W.E. Morton, College of Technology, Manchester, England, and in research by Mr. Lee of Clemson College and his students on the irregularity of cotton yarn are briefly given.

Also in Textile Bull. 48(16): 8, 10, 40-41. June 20, 1935.

Abstract in Cotton [Atlanta] 99(7): 43-44, 49, illus. July 1935.

Kapadia, D.F. Effect of humidity on strength and extension of cotton yarn. Indian Textile Jour. 45 (536): 266-270, tables, charts. May 31, 1935. (Published at Military Square, Fort, Bombay, India)  
Bibliographical footnotes.

"Kaycee." A report of a test made to determine the actual waste and foreign matter in cotton. Cotton [Atlanta] 99(7): 48-49, illus., table. July 1935. (Published by W.R.C. Smith Publishing Co., Grant Bldg., Atlanta, Ga.)

"The test was made on 16 bales of North Georgia Middling 15/16-inch staple cotton," in March 1935.

Lesouef, André. Les enseignements du laboratoire sur certains caractères de la fibre du coton. Bulletin de la Société Industrielle de Rouen 61(5): 337-346, illus., tables, charts. Sept.-Oct. 1933. (Published at Rouen, France)

Laboratory tests on certain characters of the cotton fiber.

"It is pointed out that the classification of cotton by different graders may show considerable variation and that laboratory tests are more reliable than the methods used by the graders. Methods of determining length (Baer diagram), fineness, strength, etc. are briefly described and some typical results are discussed."--Textile Inst. Jour. 25(6): A302. June 1934.

Lester, J.H. Avenues of progress in the textile industry. Textile Weekly 15(381): 662, 665. June 21, 1935. (Published at 49 Deansgate, Manchester, 3, England)

Abstract of the "1935 Mather Lecture, at the Textile Institute Annual Conference, June 14."

Relation of testing to research in the cotton textile industry is discussed.

Also in Silk Jour. and Rayon World 12(133): 29-30. June 20, 1935; Textile Weekly 15(381): 662, 665. June 21, 1935; Textile Bull. 48(20): 6, 8, 34. July 18, 1935.



Given in full in Textile Inst.Jour.26(6): P95-  
P108. June 1935.

Magill, R.R. Cotton preparation with resist elimination. Amer.Dyestuff Reprtr.24(15): 394. July 15, 1935. (Published by Howes Publishing Co., Inc., 440 Fourth Ave., New York, N.Y.)

"Paper presented at meeting, Piedmont Section," American Association of Textile Chemists and Colorists, February 16, 1935.

Discussion of the problem of preparing yarn, piece goods or raw stocks for dyeing.

Michel, L.P. Détermination du degré de mercerisation. Tiba 12(7): 495,497,499, tables, chart. July 1935. (Published at 61, Avenue Jean-Jaurès, Paris (19<sup>e</sup>), France)

To be continued.

Determination of the degree of mercerization.

"A review and discussion of the various methods which have been used for detg. the degree of mercerization: microscopical examn. for estg. degree of swelling, increase in H<sub>2</sub>O absorption, increase in affinity toward direct dyes and I absorption. (Copied complete from Chem.Abs.29: 933. 1935)- W."-Textile Research 5(9): 427. July 1935.

Milnes, A.H. Interpreting the results of yarn tests. Textile Manfr.61(725): 198,199,illus., tables, charts. May 1935. (Published by Emmott & Co., Ltd., 31 King St. West, Manchester, 3, England)

"Examples are given of some methods of analysing results of yarn tests, with particular reference to the Moscrop testing machine."

New use for staple fibre. Textile Mercury and Argus 92(2411): 493. May 31, 1935. (Published at 41, Spring Gardens, Manchester, England)

"A new synthetic surgical 'cotton' or absorbent known as 'Italidrofioocco' has been introduced in Italy as a substitute for cotton for surgical purposes, gauze and bandages. It is being made by Sanitaria S.A., of Milan, and the base is Snia Viscosa's staple fibre."

Oxley, A.E. When to stop testing. Graphic method of recording results shows point at which sound conclusions can be drawn. Textile World 85(8): 1466-1467, charts. July 1935. (Published by McGraw-Hill Publishing Co., Inc., 330 West 42d St., New York, N.Y.)

The problem of adequate sampling and the graphical and numerical methods of analyzing the results in

testing of raw material and textiles are discussed.

Reiners, Walter. Investigations regarding the tension of cotton yarns during pirning and coning. Textile Weekly 15(382): 692,694, illus. June 28, 1935. (Published at 49, Deansgate, Manchester, 3, England)

Abstract of paper at the Textile Institute Conference, June 14, 1935.

The author describes "a new type of tension measuring device" and its advantages, and gives results of experiments carried out on a pirning and a cheese winding machine.

Correction appears in Textile Weekly 16(383): 5. July 5, 1935.

Also in Silk Jour. and Rayon World 12(133): 31, 33, illus. June 20, 1935.

Schwarz, E.R., and Hotte, G.R. Notes on technique for determination of fiber maturity by polarized light. Textile World 85(8): 1477-1478, illus. July 1935. (Published by McGraw-Hill Publishing Co., Inc., 330 West 42d St., New York, N.Y.)

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Shaw, M.B., Bicking, G.W., O'Leary, M.J. A study of the relation of some properties of cotton rags to the strength and stability of experimental papers made from them. Jour. Research 14(6): 649-665, illus., tables, charts. June 1935. (Published by the National Bureau of Standards, United States Department of Commerce, Washington, D.C.)

Bibliographical footnotes.

Sisson, W.A. X-ray studies of crystallite orientation in cellulose fibers. Natural fibers. Indus. and Engin. Chem. 27(1): 51-56, illus., charts. Jan. 1935. (Published at Mills Bldg., Washington, D.C.)

Literature cited: p.56.

"From measurements of the density distribution round the X-ray diffraction rings, the conclusion is reached that crystallites of natural fibres have an unlimited rotation round their 'b' axes in the face of the cell wall. The assumption of a definite discontinuity of crystalline structure affords the most satisfactory explanation.-C."-Textile Inst. Jour. 26(5): A274. May 1935.

Sobue, Hiroshi. Hydration of the fibre. IV. Fluctuation of fibre length by the change of atmospheric humidity. Soc. Chem. Indus. [Japan] Jour. (Sup. Binding) 37(12): 777B-780B, illus., charts. Dec. 1934. (Published by Society of Chemical Industry, Yuraku



Bldg., Marunouchi, Tokyo, Japan)

"From investigations on the influence of atmospheric humidity on fibre length, the author concludes that both intermicellar and intramicellar imbibition occurs. The latter is very small in natural cellulose fibres, but is larger in regenerated cellulose fibres and in alkali-treated animal fibres. In the experiments, silk, rayon and wool fibres were mounted in place of the hair in a hygrometer of the circular dial type and kept side by side with a Labrecht's polymeter. The readings were plotted for periods up to 30 days.-C."-Textile Inst. Jour. 26(5): A260. May 1935.

Stanbury, G.R., and Marshall, E.E. A magnetic brake for applying an even tension to a moving thread. Jour. Sci. Instruments 11(11): 348-359, illus., charts. Nov. 1934. (Published by Cambridge University Press, Fetter Lane, London, E.C.4, England)

Staudinger, H. Die chemie der cellulose. Naturwissenschaften 22(48): 797-803, illus., tables. Nov. 30, 1934. (Published by Julius Springer, Berlin W9, Germany)

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"A review of recent work on the constitution of cellulose, its prepn. and the comparison of synthetic polymers with cellulose. From the evidence discussed and the chem. reactions of cellulose it is concluded to have a macromol. structure.-B.J.C. van der Hoeven."-Chem. Abs. 29(6): 1979.. Mar. 20, 1935.

Stevens, W.E. Is the fiber ripe? A polarizing microscope gives the answer at Interlaken.. Textile World 85(8): 1475-1477, illus., tables, chart. July 1935. (Published by McGraw-Hill Publishing Co., Inc., 330 West 42d St., New York, N.Y.)

The use of the polarizing microscope to determine the maturity or character of cotton is described.

Turner, H.A., Nabar, G.M., and Scholefield, F. The effect of reduced vat dyes upon the hypochlorite oxidation of cellulose. Soc. Dyers & Colourists Jour. 51(1): 5-21, tables, charts. Jan. 1935. (Published at Ocean Chambers, 32/34 Piccadilly, Bradford, Yorkshire, England)

Bibliography: p. 21.

Turner, H.A., Nabar, G.M., and Scholefield, F. Oxidizing agents and vat-dyed cotton. Nature [London] 135(3402): 68, illus. Jan. 12, 1935. (Published by



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"At pH 3-11, the o.m.f. of a Pt electrode in dil. NaOCl parallels the action of the soln. on pure cotton cellulose dyed with reduced vat dyestuffs. The latter is detd. from the viscosity of solns. of the fiber in cuprammonium hydroxide.-H.A.Beatty."-Chem. Abs.29(7): 2363. Apr.10,1935.

### Technology of Manufacture

Brooks and Doxey, limited, Manchester. A dust extractor cotton cleaning cage. Textile Manfr. 61 (724): 150, illus. Apr.1935. (Published by Emmott & Co., Ltd., 31 King St. West, Manchester, 3, England)

"Dust and fine impurities are efficiently extracted from cotton in opening machinery, with economical use of air, by an arrangement of perforated cage and travelling belt." The apparatus and its use are described.

C., N. The management of cotton cards. Points requiring care and attention are enumerated in detail. Textile Manfr. 61(725): 177-178, tables. May 1935. (Published by Emmott & Co., Ltd., 31 King St., West, Manchester, 3, England)

Cotton oiling and the dust problem. Fibre and Fabric 88(2632): [8]. July 13,1935. (Published by Wade Publishing Co., 465 Main St., Kendall Square, Cambridge, Mass.)

The Breton Minerol Process for eliminating the dust hazard in the textile industry is discussed.

Dodd, Samuel, & Sons, Ltd., An improved tape drive for all textile ring spinning, doubling and twisting frames. Textile Weekly 15(381): 666-668, illus. June 21, 1935. (Published at 49 Deansgate, Manchester, 3, England)

Dronsfield brothers limited. Carders have you investigated? Dronsfield's new needle-pointer and grinder for card flats. Textile Weekly 16(383): 11, illus. July 5, 1935. (Published at 49, Deansgate, Manchester, 3, England)

The machine and its operation are described.

Fire in textile mills. Dangers of static electricity. Silk Jour. and Rayon World 12(133): 39. June 20, 1935. (Published at Old Colony House, South King St., Manchester, 2, England)

Hall, A.J. The modern cotton shirting fabric. An account of its processing methods. Amer.Dyestuff Rptr.

24(10): [265]-268, 298-300, illus. May 20, 1935.  
(Published by Howes Publishing Co., Inc., 440  
Fourth Ave., New York, N.Y.)

The bleaching, mercerizing, and finishing  
processes are explained and described, and the  
construction of fabric and type of cotton used  
is mentioned.

Honegger, E. Experimentelle untersuchung des  
ringspinnprozesses. Melliand Textilberichte 16  
(5): 333-339, illus., table, charts. May 1935.  
(Published at Heidelberg, Germany)

References: p.339.

Experimental study of the ring-spinning process.

Martin, F.H. Draft. Cotton [Atlanta] 99(7): 79, 81,  
illus. July 1935. (Published by W.R.C. Smith Pub-  
lishing Co., Grant Bldg., Atlanta, Ga.)

Methods of calculating draft are described.

Nisbet, H. Developments in the production of yarn  
packages. Silk Jour. and Rayon World 12(133):  
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House, South King St., Manchester, 2, England)  
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Also in Textile Weekly 16(383): 19-20, illus.  
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Noguera, J. The mechanism of high-draft cotton spin-  
ning. Textile Manfr. 61(724): 145-146, 154, illus.  
Apr. 1935. (Published by Emmott & Co. Ltd., 31  
King St. West, Manchester, 3, England)

"In a lecture to the Manchester College of Tech-  
nology Textile Society."

"High-draft in cotton spinning is basically de-  
pendent on the degree of control of individual fibres.  
Advantages of New roller weighting arrangements and  
of a 'compound drafting' frame are also explained."

Comment in Textile Manfr. 61(725): 192. May 1935,  
by Henry Meynell.

"Practech." The scouring of drawframes. Textile Weekly  
16(385): 67, 74. July 19, 1935. (Published at 49,  
Deansgate, Manchester, 3, England)

The author gives the items to be checked, and  
describes the procedure to be followed periodically  
in caring for drawing frames.

Progress in "streamline" cleaning of cotton. Textile  
Manfr. 61(724): 149, illus. Apr. 1935. (Published  
by Emmott & Co. Ltd., 31 King St. West, Manchester,  
3, England)



"Methods of stream-lined air-current cleaning of cotton have been further developed, and commercial production machines are in contemplation eliminating lap formation and even the carding of cotton." A newly patented machine is described, including its method of operation.

R., T. Eliminating leaf and small particles. Cotton [Atlanta] 99(7): 85,87. July 1935. (Published by W.R.C. Smith Publishing Co., Grant Bldg., Atlanta, Ga.).

In a letter to the editor the writer discusses the settings and speeds for cards to be used in a lay-out consisting of "one vertical opener and bale breaker, two processes of picking and single carding when "it is desired to eliminate the leaf and small specks from the yarn to be produced."

[Southern textile association, Northern North Carolina-Virginia Division] Report on spinning discussion at Gibsonville meeting [June 8, 1935] Textile Bull. 48(15): 4-6,8. June 13, 1935. (Published by Clark Publishing Co., 118 West Fourth St., Charlotte, N.C.)

Also reported in Textile World 85(8): 1483, illus. July 1935; Amer. Wool & Cotton Repr. 49(24): 11-12, 32. June 13, 1935; Cotton [Atlanta] 99(7): 52-53, 87, 89. July 1935.

Walton, G.W. Modern arrangements in ring frames. Textile Manfr. 61(725): 196, 197, 195, illus. May 1935. (Published by Emmott & Co., Ltd., 31 King St. West, Manchester, 3, England)

"Present cotton ring frame methods are described: methods of tape driving, tape-driving reversing, operating moving lappets, and building weft bunches."

### Technology of Consumption

American society for testing materials. Proceedings of the thirty-seventh annual meeting held at Atlantic City, N.J., June 25-29, 1934. Vol. 34, Pt. 1, 1325 pp., illus., tables, charts. Philadelphia [c1934]

Contents include: Report of Committee D-13 on textile materials, pp. 532-542; Tentative specifications for black bias-cut varnished cloth tape used for electrical insulation, pp. 959-964; Tentative methods of testing varnished cloths and varnished cloth tapes used in electrical insulation, pp. 1074-1081; Tentative specifications and tests for friction tape for general use for electrical purposes, pp. 1139-1144; Tentative specifications for Holland cloth, pp. 1175-1177; Tentative definitions and terms relating to textile materials, pp. 1186-1200;



Revision of standard specifications for Chafer tire fabrics, pp.1275; Revision of standard specifications for tolerances and test methods for certain light and medium cotton fabrics, pp.1275-1276; Revision of standard general methods of testing woven textile fabrics, p.1276.

Cotton fabric in gravel roads. Pub.Works 66(4): 22. Apr.1935. (Published at 310 E. 45th St., New York, N.Y.)

Results of "experimental work in the use of cotton fabric on gravel roads... on Stultz lane," South Brunswick Township, New Jersey.

Fiber-bond finish. New process increases durability of textiles. Textile World 85(8): 1457, illus., table. July 1935. (Published by McGraw-Hill Publishing Co., Inc., 330 West 42d St., New York, N.Y.)

Results of experiments on fabrics treated by the new process, some of its advantages, and possible uses of fabrics with the fiber-bond finish are mentioned.

Pointers to cotton dress values. Whether you buy for fashion or service, these guides will lead you to bargains. Consumers' Guide 2(17): 10-13, illus. June 24, 1935. (Published by the Consumers' Counsel, Agricultural Adjustment Administration, Washington, D.C.)

[Retail trading standards association] Standards of retail practice. Women's Wear News (Sup.): 1-8. Apr.4, 1935. (Published at 2, Lancaster House, Duke St., London, W.C.2, England)

Standard definitions for cotton and names of certain fabrics are included.

[United States Department of commerce. Bureau of foreign and domestic commerce. Textile Division] Cotton fabrics and their uses. Over 1,000 and ever-extending uses of cotton fabrics compiled. Textile Weekly 16(385): 63,65-66. July 19, 1935. (Published at 49, Deansgate, Manchester, 3, England)

To be continued.

Reprint of a publication issued in 1930.

#### COTTONSEED AND COTTONSEED PRODUCTS

Ayres, W. E. Will cotton seed remain a by-product? Cotton Oil Press 19(3): 11-13. July 1935. (Published by Interstate Publishing Co., Inc., Cotton Exchange Bldg., Memphis, Tenn.)

Address at the Mississippi Cottonseed Crushers' Association convention at Biloxi, Mississippi, June 28 and 29.

Gramlich, H.J. The place of cottonseed products in the feed situation. Cotton Oil Press 19(3): 25-27. July 1935. (Published by Interstate Publishing Co., Inc., Cotton Exchange Bldg., Memphis, Tenn.)

Address before the Texas Cottonseed Crushers' Association at Galveston, Texas, June 10, 1935.

[Holman, C.W.] "All oleomargarine should be taxed." Farmer-Stockman 48(14): 5, 18. July 15, 1935. (Published at Oklahoma City, Okla.)

Statement by the secretary of the National Co-operative Milk Producers' Federation, supporting the proposed 5-cent a pound tax on "any and all oleomargarine."

"The value of the cottonseed is only about 10 per-cent of the total value of the cotton crop and only a part of this is traceable to the oil contained in the seed. The competition between butter and oleomargarine, therefore, is definitely between a major farm product and a synthetic product involving a number of small by-products."

Hutchinson, W.M. The romantic story of cotton seed. Cotton Trade Jour. 15(26): 3. July 6, 1935. (Published at 810 Union St., New Orleans, La.)

The author discusses the utilization possibilities of cottonseed, with a brief historical introduction.

[Interstate oil mill superintendents association] Atlanta meeting. Oil Miller and Cotton Ginner 46(5): 9. July 1935. (Published at 161 Spring St., N.W., Atlanta, Ga.)

Report of the twenty-fourth annual meeting of the Interstate Oil Mill Superintendents Association, held June 10, 11 and 12 at the Ansley Hotel in Atlanta, Georgia.

Jasspon, W.H. The Memphis merchants exchange and its relationship to the cottonseed industry. Cotton and Cotton Oil News 36(27): 3-5. July 6, 1935. (Published by Ginner & Miller Publishing Co., 3116-3118 Commerce St., Dallas, Tex.)

"Address delivered before the annual meeting of the Mississippi Division of the National Cottonseed Products Association, Biloxi, Miss., June 28-29, 1935."

Also in Cotton Oil Press 19(3): 15-17. July 1935.

[Mississippi cottonseed crushers' association] Mississippi division convention. Cotton Oil Press 19(3): 13-14. July 1935. (Published by Interstate Publishing Co., Inc., Cotton Exchange Bldg., Memphis, Tenn.)



Report of convention at Biloxi, Mississippi,  
June 28 and 29.

Moore, L.A. Effect of gossypol upon the muscle of the small intestine of the rat. Jour. Agr. Research 50(11): 899-909, illus., tables. June 1, 1935. (Published by the United States Department of Agriculture, Washington, D.C.)

Literature cited: pp. 908-909.

Results of experiments in the feeding of raw cottonseed or gossypol.

Morgan, J.I. We must progress through regulated activities. Cotton and Cotton Oil News 36(28): [3]-4. July 13, 1935. (Published by Ginner & Miller Publishing Co., 3116-3118 Commerce St., Dallas, Tex.)

Address before the Joint Convention of the North and South Carolina Divisions of the National Cottonseed Products Association, Myrtle Beach, S.C., June 24 and 25, 1935.

Regulation of the cottonseed crushing industry through cooperation of farmers, ginners and refiners is suggested.

[National cottonseed products association. Alabama division] Alabama division's convention. Cotton Oil Press 19(3): 14. July 1935. (Published by Interstate Publishing Co., Inc., Cotton Exchange Bldg., Memphis, Tenn.)

Brief report of the annual meeting, held at Pensacola, Florida, July 1 to 2.

[National cottonseed products association. North and South Carolina divisions] Carolina crushers' joint convention. Cotton Oil Press 19(3): 14. July 1935. (Published by Interstate Publishing Co., Inc., Cotton Exchange Bldg., Memphis, Tenn.)

Brief report of the joint convention held at Myrtle Beach, South Carolina, June 24 and 25, 1935.

[Oklahoma cottonseed crushers' association] Meeting of Oklahoma crushers. Oil Miller and Cotton Ginner 46(5): 7. July 1935. (Published at 161 Spring St., N.W., Atlanta, Ga.)

Report of the Twenty-sixth Annual Convention, held at the Artesian Hotel, Sulphur, Oklahoma, on June 17 and 18, 1935.

Also in Cotton Oil Press 19(3): 13. July 1935.

Richert, T.G. Oils, their production and consumption. Oil & Soap 12(7): 148-152, illus., tables. July 1935. (Published by Gillette Publishing Co., 400 West Madison St., Chicago, Ill.)

"Paper presented at meeting of American Oil Chemists' Society at Memphis, Tenn., May 23-24, 1935."

Cottonseed oil is included.



Roberts, J.B. King cotton enters a new realm. Cotton Oil Press 19(3): 22-23. July 1935. (Published by Interstate Publishing Co., Inc., Cotton Exchange Bldg., Memphis, Tenn.)

The development of CoFlo, an edible flour made from cottonseed in the laboratory of the Traders Oil Mill Company of Forth Worth, is discussed.

#### LEGISLATION, REGULATION, AND ADJUDICATION

Arrêté prescrivant la séparation de deux variétés de coton pur. Association Cotonnière Coloniale 33(19): 87. July 1935. (Published at 55, Rue de Châteaudun, Paris (IX<sup>e</sup>), France)

Decree prescribing the separation of two varieties of pure cotton. The decree was issued by the lieutenant-governor of the Ivory Coast and was dated February 14, 1935.

Association of land-grant colleges and universities. Proceedings of the forty-eighth annual convention... held at Washington, D.C., November 19-24, 1934. 305 pp., tables, charts. Wilmington, Del., Cann Bros. printers [1935]

Abstracts of the following papers are included: Some problems ahead in adjustment, by M.L. Wilson, and H.R. Tolley, pp.134-141 (Cotton is included); The cotton program and the Bankhead Act, by Cully A. Cobb, pp.176-177.

Austria. Importation of cotton textiles from United Kingdom. Gt. Brit. Bd. Trade Jour. 135(2013): 32. July 4, 1935. (Published by H.M. Stationery Office, Adelphi House, Kingsway, London, W.C.2, England)

"Fine cotton textiles from the United Kingdom will be licensed for import into Austria up to 100 per cent. of the imports in 1933, and... goods intended for further processing in Austria are not affected by the import restrictions."

"Bankhead act void," says Texas federal judge. Cotton and Cotton Oil News 36(29): 3, 11. July 20, 1935. (Published by Ginner & Miller Publishing Co., 3116-3118 Commerce St., Dallas, Tex.)

Text of the injunction order by Federal Judge Randolph Bryant on July 19 to restrain "the two internal revenue collectors and the four United States district attorneys of Texas from enforcing the various provisions of the Bankhead Act and setting the case to be heard ... on September 11, 1935."

Consider canceling process tax on bedding. Government holds hearing at Memphis. Bedding Manfr. 30(6): 36,

38,40,42. July 1935. (Published by the Better Bedding Alliance of America, 608 S. Dearborn St., Chicago, Ill.)

Report of a hearing held at Memphis, June 17, by the Agricultural Adjustment Administration to ascertain "whether the payment of the processing tax on cotton has prevented, is preventing, or will prevent, the use of cotton as a filling material for mattresses, pillows, pads, and cushions, within the provisions of Section 15(a) of the Act."

The cotton spinning industry bill. A lawyer's analysis. Manchester Guardian Com. 31(786): 23. July 12, 1935. (Published at the Guardian Bldg., 3 Cross St., Manchester, 2, England)

Cotton spinning industry bill. The salient points extracted. Textile Weekly 16(384): 49. July 12, 1935. (Published at 49, Deansgate, Manchester, 3, England)

"The official draft of the Bill to make effective the results of the Colwyn Committee report on surplus spinning capacity became available in Manchester last week-end."

Correction: Textile Weekly 16(385): 74. July 19, 1935.

Also in Manchester Guardian Com. 31(785): 12. July 5, 1935; Amer. Wool & Cotton Repr. 49(28): 20. July 11, 1935; Textile Weekly 16(384): 49. July 12, 1935.

Defending the process tax! Amer. Wool & Cotton Repr. 49(24): [1], 37-39, 42. June 13, 1935. (Published by Frank P. Bennett & Co., Inc., 530 Atlantic Ave., Boston, Mass.)

The article replies to statements made by Cully A. Cobb in an address over the Dixie network on April 27, 1935.

Farm act held unconstitutional. Cotton Digest 7(41): 10-11. July 20, 1935. (Published at 702 Cotton Exchange Bldg., Houston, Tex.)

Extracts from the decision of the Federal Circuit Court of Appeals at Boston that the Agricultural Adjustment Administration is unconstitutional. "The decision of the court was handed down in the appeal of the receivers of the Hoosac Mills Corporation from a district court decision" which "refused to order the Government to return to the corporation \$31,694 in cotton processing and floor taxes."

Also in Fibre and Fabric 88(2633): [6]-8, 10. July 20, 1935.

Full text in Com. & Financ. Chron. 141(3656): 367-370. July 20, 1935.



Finance of cotton spinning bill. Wide powers of proposed Spindles board. Manchester Guardian Com. 31 (786): 32. July 12, 1935. (Published at the Guardian Bldg., 3 Cross St., Manchester, 2, England)

"The financial clauses of the Cotton Spinning Industry Bill" are discussed.

Hutson, L.C.: Propaganda versus facts. Cotton and Cotton Oil News 36(28): 5,12-13. July 13, 1935, (Published by Ginner & Miller Publishing Co., 3116-3118 Commerce St., Dallas, Tex.)

The author discusses the alleged propaganda in support of the AAA cotton policy and the Bankhead Act. The bill of Congressman Josh Lee of Oklahoma for a Domestic Allotment Plan is also discussed.

Also in Cotton Oil Press 19(3): 9-11. July 1935.

Important Bankhead information. Cotton and Cotton Oil News 36(30): [3] July 27, 1935. (Published by Ginner & Miller Publishing Co., 3116-3118 Commerce St., Dallas, Tex.)

Developments in the Texas Cotton Ginners' Association's case against enforcement of the Bankhead Act. The cost to ginners of administering the Act is estimated.

Italy. Import of cotton waste ("linters"). Gt. Brit. Bd. Trade Jour. 134(2012): 1032. June 27, 1935. (Published by H.M. Stationery Office, Adastral House, Kingsway, London, W.C.2, England)

"The 'Gazzetta Ufficiale' (Rome) of June 1 contains a Royal Decree-Law, dated May 9 and effective on the date of publication, which provides for the duty-free import of a yearly quota of 12,000 quintals of raw 'linters' for use, after sterilisation, in the production of rayon."

Entire item is quoted.

Jacks, O.L. The redundant spindles bill. The case against the Federation scheme. Textile Weekly 16 (383): 17-18. July 5, 1935. (Published at 49, Deansgate, Manchester, 3, England)

"In an address to the National Federation of Textile Works Managers' Associations, July 1, 1935."

Also in Manchester Guardian Com. 31(785): 13. July 5, 1935.

Jordan, Harvie. Backing up the AAA farm program. South. Cult. 93(7): 2,5. July 1, 1935. (Published by Constitution Publishing Co., Box 4357, Atlanta, Ga.)

The situation of the American cotton grower



prior to the enactment of the Agricultural Adjustment Act and the measures taken under the Act are reviewed. The author urges six recommendations for permanent relief measures for the cotton growing industry, including reforms in baling and warehousing.

Smith, H.C. The Kelly bill. Oil Miller and Cotton Ginner 46(5): 4. July 1935. (Published at 161 Spring St., N.W., Atlanta, Ga.)

A bill to prevent monopoly control of the price of cottonseed in Alabama is discussed. The bill has passed the Alabama Senate.

To sue or not to sue? Textile World 85(8): 1446. July 1935. (Published by McGraw-Hill Publishing Co., Inc., 330 West 42d St., New York, N.Y.)

Letter from the assistant administrator of the Agricultural Adjustment Administration outlining "various hypothetical situations...in relation to suits in which it is sought to enjoin collection of processing taxes imposed under the AAA, or to recover taxes already paid under that Act" and concluding that "the persons who have filed suits for the refund of processing taxes are in no better position than the persons who have not filed such suits."

United Kingdom.- The Cotton spinning industry bill. Textiles and Allied Prod.(97): 3-4, mimeogr. July 17, 1935. (Published by the Bureau of Foreign and Domestic Commerce, United States Department of Commerce, Washington, D.C.)

The provisions of the bill "to give legal effect to the proposed surplus spindles scheme" are summarized. A summary is also given of the new wages agreement in effect July 15, by order of the Ministry of Labour.

United States Department of agriculture. Agricultural adjustment administration. Amendments to the 1935 regulations pertaining to allotments and tax-exemption certificates under the Cotton act of April 21, 1934. U.S.Dept.Agr. Agr.Adjustment Admin. B.A.219, Amendment 3, 5 pp. Washington, D.C. 1935.

United States Department of agriculture. Agricultural adjustment administration. Cotton price determination fixes Bankhead ginning tax at 6c pound. Mid-So. Cotton News 12(12): 2. July 1935. (Published at 822 Falls Bldg., Memphis, Tenn.)

"The Agricultural Adjustment Administration announced...that 12 cents per pound has been deter-

mined as the average price of lint cotton on the 10 designated spot cotton markets for a representative period, as the base for determining the rate of the tax on the ginning of cotton under the Bankhead Act. This determination by the secretary, under the act, automatically fixes the tax itself at 6 cents per pound."

United States Department of agriculture. Agricultural adjustment administration. Division of cotton. Administrative ruling 31 governing appeals with respect to 1934 and 1935 cotton acreage reduction contracts (Cotton 106 - Amendment no.1) and Article X of regulations under Cotton control act of 1934 governing appeals respecting county and farm allotments and issuance of tax-exemption certificates to individual producers (B.A.219 - Amendment no.2). U.S.Dept.Agr. Agr.Adjustment Admin. Div.Cotton. Cotton [Form] 106, Ruling 31, B.A. 219, Article X, 5 pp.,mimeogr. [Washington, D.C.] 1935.

Urges destruction of AAA. Textile Bull.48(17): 6-7. June 27, 1935. (Published by Clark Publishing Co., 118 West Fourth St., Charlotte, N.C.)

Report of radio speech by Dexter Stevens, vice-president of the National Association of Cotton Manufacturers, in which he replied to recent speeches by Secretary Wallace at Peoria, and Cully Cobb over the radio on the processing tax.

Welch, J.H. King Cotton sits uneasily on his throne. Tex. Citricult. and Farming 11(12): 7-8, illus. June 1935. (Published by E.C.Watson Publishing Co., Harlingen, Tex.)

Government efforts to help the cotton producer under the Agricultural Adjustment and Bankhead Acts are briefly described. The attitude of the growers, and the significance for the future of falling exports are also briefly discussed.

#### MISCELLANEOUS--GENERAL

Conferencia nacional algodoeira. Algodao 2(7): [38,40, 42-44,46,48] May 1935. (Published at Cx. Postal 1321, Rio de Janeiro, Brazil)

National cotton conference.

Report of the National Cotton Conference, held in Sao Paulo at the Club Commercial, April 23, 1935. The approved conclusions are given.

Also reported in Gaceta Algodonera 11(136): 4. May 31, 1935; Revista da Sociedade Rural Brasileira 15(177): 34-41, illus. May 1935.



Cotton producers organize. Farm and Ranch 54(14): 14. July 15, 1935. (Published at 3306 Main St., Dallas, Tex.)

"The cotton producers of Nueces county, Texas, have organized in defense of the Agricultural Adjustment Act program, and have pledged themselves to defend it on any and all occasions." The purposes of the organization are given.

Fué creada la Junta nacional del algodón. Revista de la Sociedad Rural de Rosario 15(159): 7-9. May 1935. (Published at Boulevard Orono 2498, Rosario, Argentina)

The Junta Nacional for cotton was established.

Lordan, F.P. Our heritage. Cotton Ginners' Jour. 6(10): 7, 9, 12, 17. July 1935. (Published by Texas Cotton Ginners' Association, 109 North Second Ave., Dallas, Tex.)

The effects of Government policies on the South's cotton trade, especially the ginning, distributive and marketing branches, are discussed. The organization of the Cotton Industries Employees Association and its program are briefly reported.

National board to improve Argentine cotton industry. Mid-So. Cotton News 12(12): 2. July 1935. (Published at 822 Falls Bldg., Memphis, Tenn.)

"A National Cotton Board has been established by the Argentine government to improve the production and marketing of cotton. The Argentine Minister of Agriculture is president of the board; other members represent all branches of the cotton industry, from growers to exporters."

Prado, Almeida. Homenageando os pioneiros da cultura e commercio do algodao. Algodao 2(7): [73-77] illus. May 1935. (Published at Cx. Postal 1321, Rio de Janeiro, Brazil)

Paying homage to the pioneers in the cultivation and marketing of cotton.

An address at the closing session of the Conferencia Nacional Algodocero, at Sao Paulo, April 23, 1935.

1.<sup>a</sup> [primeira] exposicao nacional do algodao realizada em S. Paulo. Chimica e Industria [Brazil] 3(5): LXII-LXIII. May 1935. (Published at Rua Libero Badaró, 54, Sao Paulo, Brazil)

The first national cotton exposition held in Sao Paulo, beginning April 23, 1935.

Silva, R.F.E. Problemas da nossa economia rural. Algodao 2(7): [87-91] illus. May 1935. (Published



at Cx. Postal 1321, Rio de Janeiro, Brazil)  
 Problems of our rural economy.  
 Cotton problems are discussed.

[South Carolina cotton manufacturers' association] South Carolina manufacturers hold annual meeting. Textile Bull. 48(18): [3]-5. July 4, 1935. (Published by Clark Publishing Co., 118 West Fourth St., Charlotte, N.C.)

Report of the "annual meeting...held...at the Spartanburg Country Club, Spartanburg," S.C., June 27, 1935. Tax problems were discussed by R.M. Cooper and S.M. Beattie.

Also noted in Amer. Wool & Cotton Reprtr. 49(28): 13. July 11, 1935.

[Southern textile association] 27th annual convention. Textile Bull. 48(16): 11-12, 36. June 20, 1935. (Published by Clark Publishing Co., 118 West Fourth St., Charlotte, N.C.)

Report of the convention held at the Ocean Forest Hotel, Myrtle Beach, S.C., on June 14th and 15th.

Also in Textile World 85(8): 1460-1461. July 1935; Cotton [Atlanta] 99(7): 54-55. July 1935.

United States Department of agriculture. Yearbook of agriculture 1935. 762 pp., illus., tables, chart. Washington, D.C., U.S. Govt. Print. Off., 1935.

Partial contents: The cotton and corn loans, pp. 21-23; Cotton, pp. 38-42; Fineness and maturity are important elements in cotton-fiber quality, pp. 198-202; Statistics of cotton...[including cotton-seed oil and meal] pp. 425-439.

## C O T T O N   R E P O R T S

ISSUED CURRENTLY BY  
UNITED STATES GOVERNMENT DEPARTMENTS

U. S. Department of Agriculture, Bureau of Agricultural Economics

Crop Reports (Summarized in Crops and Markets, which is issued monthly):  
to be issued Sept. 9, Oct. 8, Nov. 8, Dec. 9, 1935.

Grade and Staple Reports:

Grade, Staple Length and Tenderability of Cotton Ginned in the United States: to be issued Nov. 1, 29, 1935; Jan. 3, Apr. 17, 1936.

Weekly Grade and Staple Summary: issued Saturdays during height of ginning season, at Washington.

Weekly Grade and Staple Reports: issued Saturdays during height of ginning season, at Atlanta, Ga.; Memphis, Tenn.; Dallas, Austin, and El Paso, Tex.

Market News Reports:

American Cotton Linters Price Report: issued Wednesdays at Washington.

Daily Official Report of the Designated Spot Cotton Markets: issued from Atlanta, Ga.

Staple Cotton Premiums: issued weekly (Saturday) from Atlanta, Ga., and Memphis, Tenn.

Cotton Market Review: issued Saturdays at Washington, D. C., Atlanta, Ga., and Memphis, Tenn.

World Cotton Prospects: issued monthly.

U. S. Department of Commerce, Bureau of the Census

Activity in the Cotton Spinning Industry: issued monthly, about the 20th.  
Cotton Consumed, on Hand, Imported and Exported, and Active Cotton Spindles: issued monthly, about the 14th.

Cottonseed Received, Crushed, and on Hand, and Cottonseed Products Manufactured, Shipped out, on Hand and Exported: issued monthly, about the 12th.

Report on Cotton Ginnings: reports on 1935 crop to be issued Aug. 8, Aug. 23, Sept. 8, Sept. 23, Oct. 8, Oct. 25, Nov. 8, Nov. 21, Dec. 9, Dec. 20, 1935; Jan. 23, Mar. 20, 1936.

U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce

Textile Raw Materials: issued weekly.

Textiles and Allied Products: issued weekly.





